

T2147-906626-US 3822/JPL(PCT)

IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (D.O./E.O./US)

Applicant: Louis GOUBIN et al.
International
Application No.: PCT/FR00/00902
International
Filing Date: 7 April 2000
U.S. Serial No.: To be Assigned
U.S. Filing Date: December 8, 2000
For: **METHOD FOR MAKING SECURE ONE OR SEVERAL
COMPUTER INSTALLATIONS USING A COMMON
CRYPTOGRAPHIC SECRET KEY ALGORITHM, USE OF
THE METHOD AND COMPUTER INSTALLATION**

McLean, Virginia

PROPOSED DRAWING CORRECTIONS

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

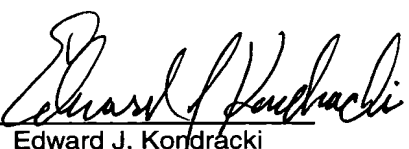
Applicant requests approval of the drawing corrections on Figs. 1 – 4F as shown in red on the attached eight (8) sheets

The proposed corrections only comprise translating the French terms into English and removing the headings "1/8" – "8/8" to conform the drawings to U.S. practice.

Respectfully submitted,

MILES & STOCKBRIDGE P.C.

Date: December 8, 2000

By: 
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PL 1/8

FIG 1

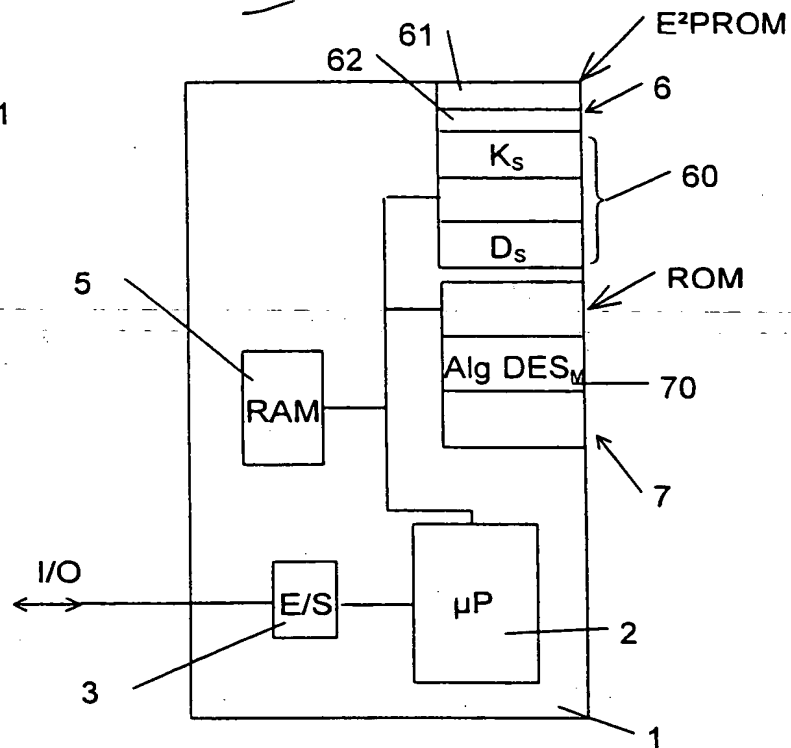
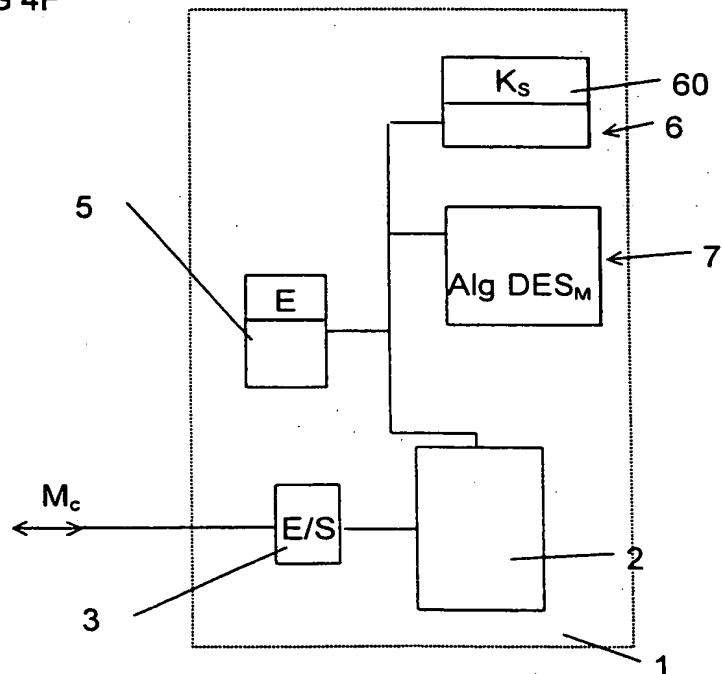


FIG 4F



PL 2/8

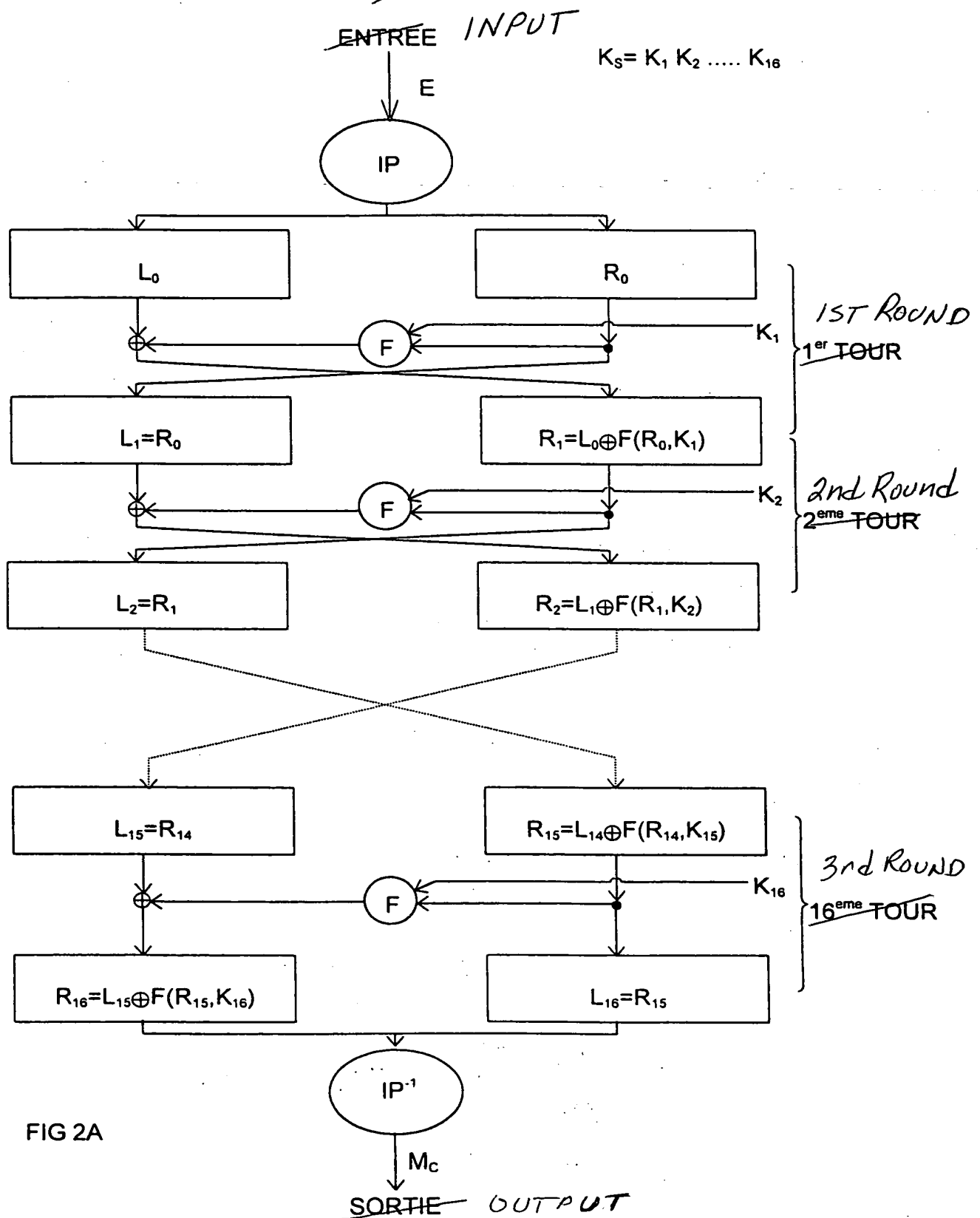


FIG 2A

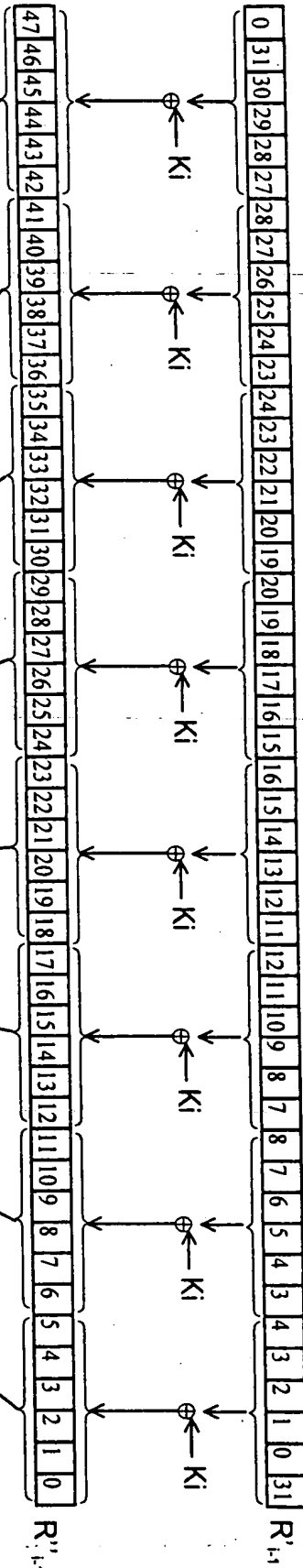
Calcul de $F(R_{i-1}, k)$

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---	---	---	---	---	---	---	---	---	---

R_{i-1}

Permutation + Expansion E

PL 3/8



Boîtes S ($m \times n$)
S-boxes

S1

S2

S3

S4

S5

S6

S7

S8

23	15	9	1	19	4	30	14	8	16	2	26	6	12	22	31	24	18	7	29	28	3	21	13	10	20	10	25	27	5	17	11
----	----	---	---	----	---	----	----	---	----	---	----	---	----	----	----	----	----	---	----	----	---	----	----	----	----	----	----	----	---	----	----

Permutation P

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
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$F(R_{i-1}, k)$

FIG. 2B

PL 4/8

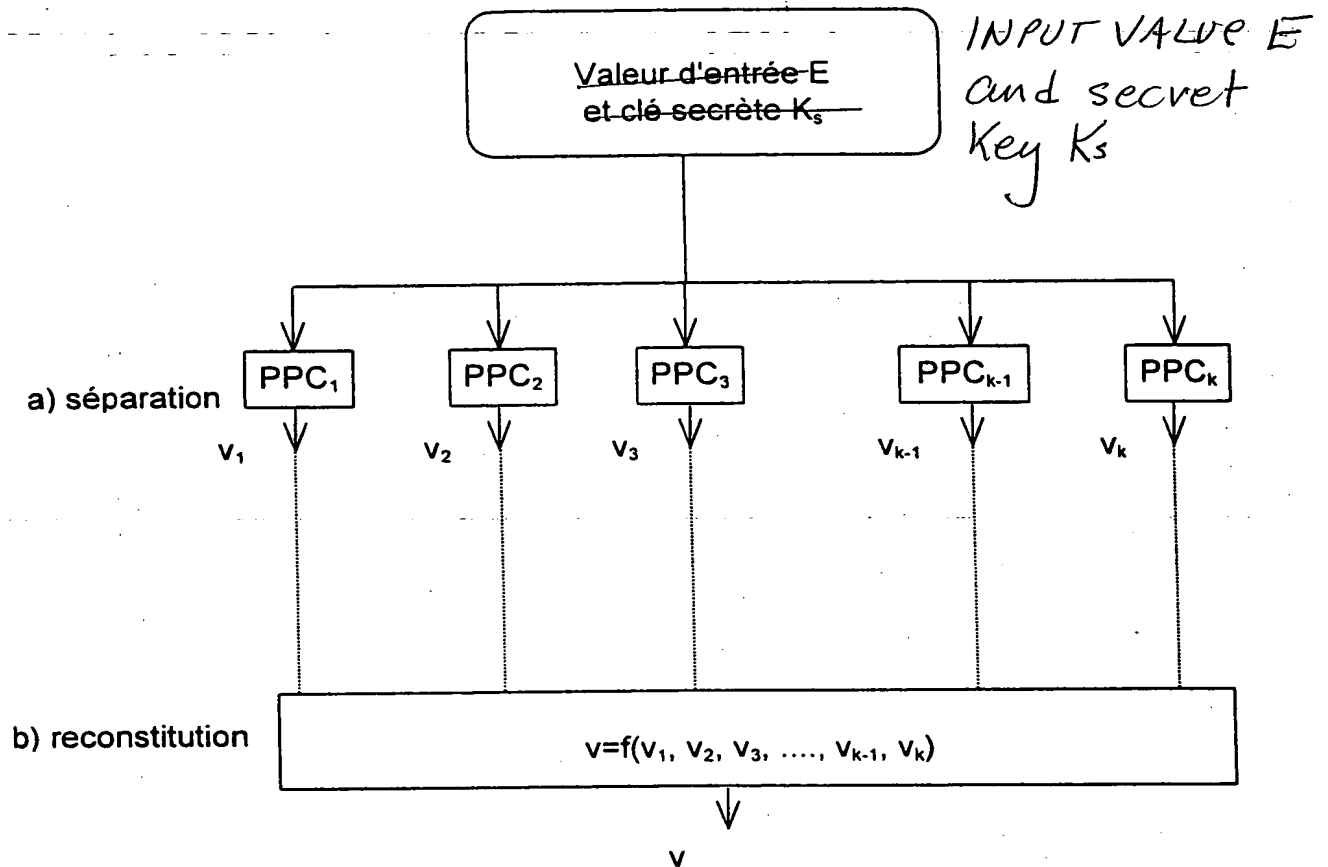


FIG 3



PL 6/8

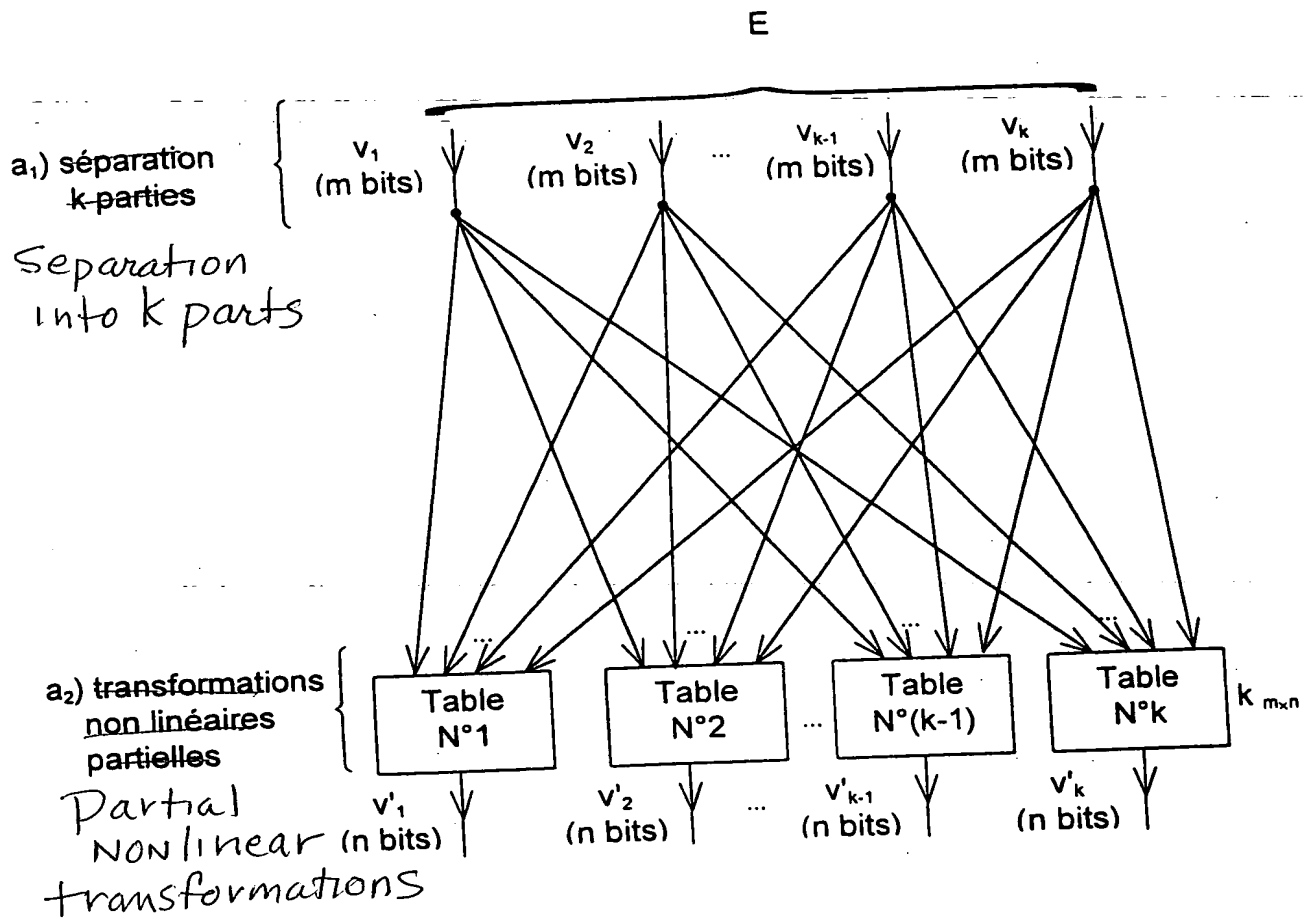


FIG 4C

PL 7/8

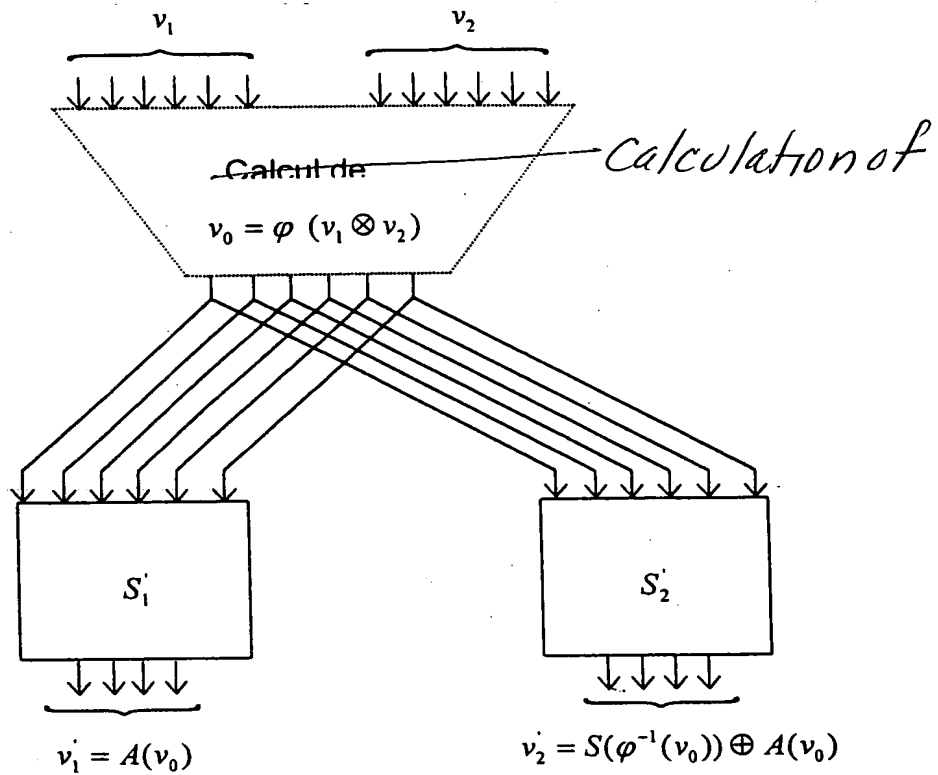


FIG 4D

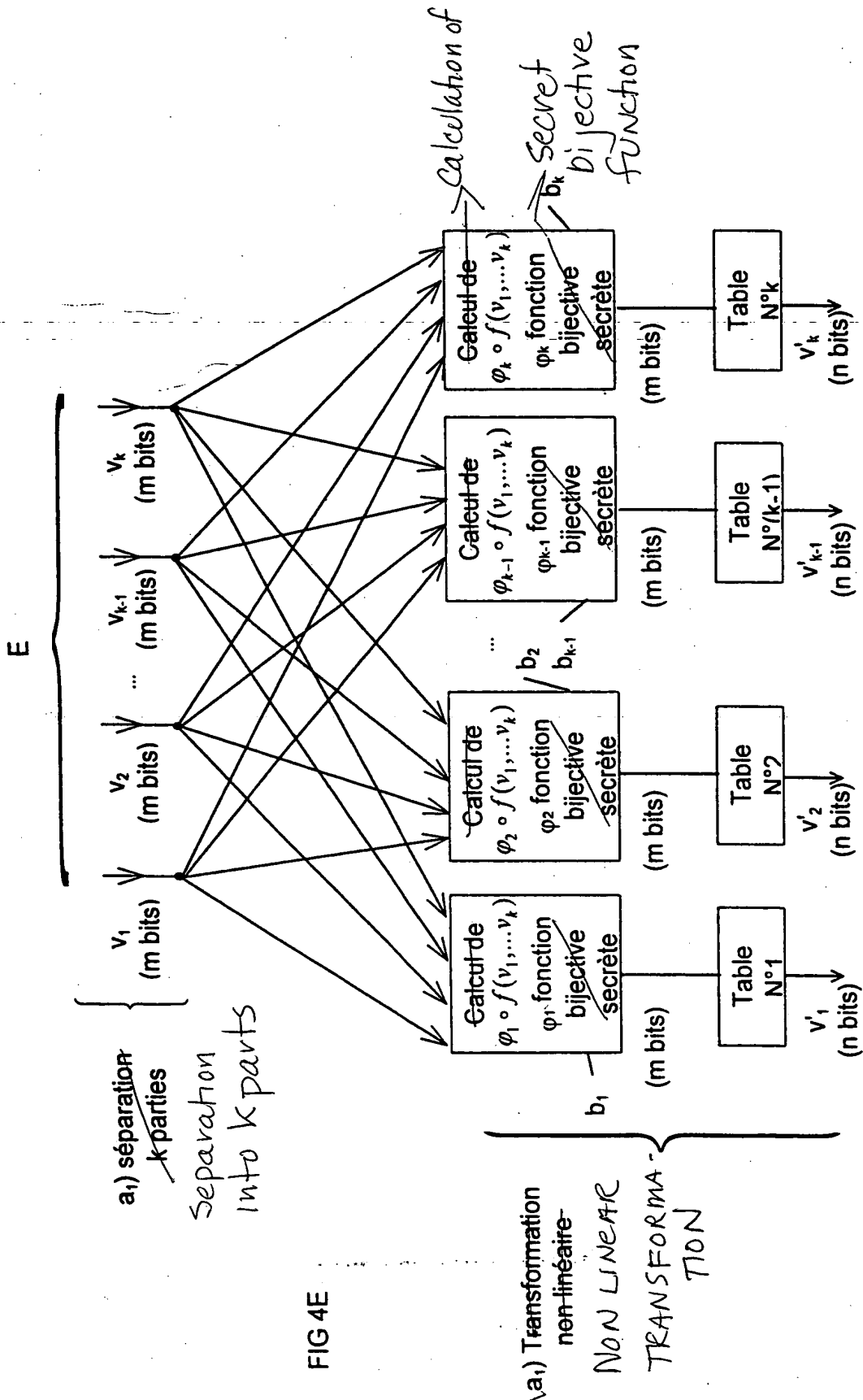


FIG 4E

8/8 PL